

## EAST Search History

| Ref # | Hits | Search Query   | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|--|----------|------------------|---------|------------------|
| L1    | 2    | (battery AND charg\$3 AND ((fuel or solar) with cell) AND (current with control) AND (constant with voltage) AND (decreas\$3 or drop\$4 or droop\$3 or low\$5) AND (increas\$3 or rais\$3 or excess\$3 or high\$2) AND (two or multiple or various or second) AND compar\$4 AND capacitor AND reference AND (output or signal)).clm. | US-PGPUB | OR               | ON      | 2008/12/03 18:02 |
| L2    | 2    | (battery AND charg\$3 AND ((fuel or solar) with cell) AND (current with control) AND (constant with voltage) AND (decreas\$3 or drop\$4 or droop\$3 or low\$5) AND (increas\$3 or rais\$3 or excess\$3 or high\$2) AND (two or multiple or various or second) AND compar\$4 AND capacitor AND reference).clm.                        | US-PGPUB | OR               | ON      | 2008/12/03 18:03 |
| L4    | 12   | (battery AND charg\$3 AND (current with control) AND (constant with voltage) AND (decreas\$3 or drop\$4 or droop\$3 or low\$5) AND (increas\$3 or rais\$3 or excess\$3 or high\$2) AND (two or multiple or various or second) AND compar\$4 AND reference).clm.  | US-PGPUB | OR               | ON      | 2008/12/03 18:03 |

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| L5 | 69   | (battery AND charg\$3 AND (current with control) AND (constant with voltage) AND (decreas\$3 or drop\$4 or droop\$3 or low\$5) AND (increas\$3 or rais\$3 or excess\$3 or high\$2) AND (two or multiple or various or second)).clm. | US-PGPUB   | OR | ON  | 2008/12/03<br>18:04 |
| S1 | 622  | (320/101).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/06<br>10:58 |
| S2 | 305  | (320/103).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>18:42 |
| S3 | 125  | (320/140).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>18:44 |
| S4 | 245  | (320/148).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>18:45 |
| S5 | 384  | (320/160).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>18:45 |
| S6 | 687  | (320/162).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>18:45 |
| S7 | 441  | (324/433).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | OFF | 2008/08/07<br>18:46 |
| S8 | 3238 | charg\$3 with battery and constant with power and control and (reference with voltage) and (stabiliz\$3 or even or level\$3) with voltage   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/08/14<br>18:37 |
| S9 | 1375 | S8 and ("320"/\$.ccls. or "324"/\$.ccls. or "363"/\$.ccls. or "361"/\$.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2008/08/14<br>18:38 |

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| S10 | 1135 | S9 and (comparator or compar\$3) and ((detect\$3 or sens\$3 or measur\$3 or monitor\$3) with voltage)                                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/14<br>18:40 |
| S11 | 230  | S10 and (reference with voltage with capacitor)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/14<br>18:41 |
| S12 | 467  | S10 and (decreas\$3 or lower\$3 or chang\$3) with reference with voltage   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/14<br>18:43 |
| S13 | 130  | S11 and S12  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/14<br>18:43 |
| S14 | 3238 | charg\$3 with battery and constant with power and control and (reference with voltage) and (stabiliz \$3 or even or level\$3) with voltage | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/15<br>18:11 |
| S15 | 1375 | S14 and ("320"/\$.ccls. or "324"/\$.ccls. or "363"/\$.ccls. or "361"/\$.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/15<br>18:11 |
| S16 | 1135 | S15 and (comparator or compar\$3) and ((detect\$3 or sens\$3 or measur\$3 or monitor\$3) with voltage)                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/15<br>18:11 |
| S17 | 230  | S16 and (reference with voltage with capacitor)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/15<br>18:11 |
| S18 | 467  | S16 and (decreas\$3 or lower\$3 or chang\$3) with reference with voltage   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/15<br>18:11 |
| S19 | 130  | S17 and S18  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/15<br>18:11 |

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| S20 | 50   | S19 and (constant near2 power)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/15<br>18:11 |
| S21 | 0    | S19 and (constant-power)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/15<br>18:44 |
| S23 | 843  | charg\$3 with battery and constant with power and control and (reference with voltage) and (feed \$1back) and ((chang \$3 or rais\$3 or lower \$3 or increas\$3 or decreas\$3) with reference)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:34 |
| S24 | 320  | charg\$3 with battery and constant near2 power and control and (reference with voltage) and (feed \$1back) and ((chang \$3 or rais\$3 or lower \$3 or increas\$3 or decreas\$3) with reference) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:35 |
| S25 | 140  | S24 and ("320"/\$.ccls. or "324"/\$.ccls. or "363"/\$.ccls. or "361"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:35 |
| S26 | 3238 | charg\$3 with battery and constant with power and control and (reference with voltage) and (stabiliz \$3 or even or level\$3) with voltage  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:36 |
| S27 | 1375 | S26 and ("320"/\$.ccls. or "324"/\$.ccls. or "363"/\$.ccls. or "361"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:36 |
| S28 | 1135 | S27 and (comparator or compar\$3) and ((detect\$3 or sens\$3 or measur\$3 or monitor\$3) with voltage)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:36 |

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| S29 | 230  | S28 and (reference with voltage with capacitor)                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:36 |
| S30 | 467  | S28 and (decreas\$3 or lower\$3 or chang\$3) with reference with voltage | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:36 |
| S31 | 130  | S29 and S30  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:36 |
| S32 | 50   | S31 and (constant near2 power)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:36 |
| S33 | 109  | S25 not (S31 or S32)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/16<br>22:36 |
| S36 | 2    | "20030067283"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/17<br>23:27 |
| S37 | 6040 | (two or multiple) with (constant near3 current with circuit)             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/08/18<br>00:24 |

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